

Test Case

Date	3 NOV 2022				
Team ID	PNT2022TMID48154				
Project Name	IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION				

Test case ID	Feature Type	Compon ent	Test Scenario	Steps To Execute	Expected Result	Actual Result	Status	Comments	BUG ID	Executed By
TC_001	Functional	Test Page	Create and Configure IBM Cloud Services	As a user I need to enroll the cloud registration.After creating cloud account launch IBM Watson IOT platform by accessing cloud account.Create the node in IBM Watson platform	Login/Signup popup should display	Working as expected	Pass	successfully	S.Gulnas Fathima,A.ArunJava Meena,G.Muthulaksh mi,M.Muthu Meenakshmi	
TC_002	Functional	Test Page	Create and access Node-Red	As a user ,I can create Node-red by app deployment.Connect IBM Watson with node red through API key.Check for the proper connections and the output in the node red application	Application should show below UI elements: a.Email text box b.Password text box c.Login button with orange colour d.New customer? Create account link e.Last password? Recovery password link	Working as expected	pass	sucessfully	S.Gulnas Fathima,A.ArunJava Meena,G.Muthulaksh mi,M.Muthu Meenakshmi	
TC_003	Functional	Test Page	Create A Database in Cloudant DB and Develop the Python script	Launch the Cloudant DB and Create database to store the location data.Develop the python code for publishing the location (latitude & longitude) to IBM IoT Platform	User should navigate to user account homepage		pass	sucessfully	S.Gulnas Fathima,A.ArunJava Meena,G.Muthulaksh mi,M.Muthu Meenakshmi	
TC_004	Functional	Test Page	Create the Web application using Node Red	Develop the Web application using Node red.Connect to the IBM IoT Platform and get the location and Store the data in the Cloudant.Integrate the geofence and Google map to check if the child is inside or outside the geofence.Send the notifications if child is outside the	Application should show "Incorrect email or password" validation message.		pass	sucessfully	S.Gulnas Fathima,A.ArunJava Meena,G.Muthulaksh mi,M.Muthu Meenakshmi	